

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**PATENT APPLICATION TRANSMITTAL LETTER**



Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing pursuant to 37 C.F.R. 1.53 is the patent application of:

**INVENTORS:**

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c/o Moritex Corporation, Institute For Nano Technology  
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25-19-205, Hitotsuya 3-chome, Adachi-ku  
Tokyo, JAPAN

**FOR: METHOD AND APPARATUS FOR ANALYZING A BASE SEQUENCE**

Enclosed are:

- ☒ 4 (four) sheets of drawings.
- ☐ An Assignment of the invention to: National Agriculture And Bio-Oriented Research  
Organization and Moritex Corporation
- ☐ An associate power of attorney.
- ☒ A Notice of Informal Filing of New Patent Application.

The filing fee is calculated as follows:

	CLAIMS AS	FILED	SMALL ENTITY		OTHER THAN A SMALL ENTITY
FOR	NO. FILED	NO. EXTRA	RATE FEE		RATE FEE
BASIC FEE			<b>\$385</b>		<b>\$ 770</b>
Total Claims	25-20=	-5-	x9=	or	x18= <b>\$90</b>
Indep claims	4-3=	-1-	X43= -0-	or	x86= <b>\$86</b>
[ ] Multiple	Dep claims		+140= -0-	or	+280=
			<b>TOTAL</b>		<b>TOTAL \$946</b>

  X   A check in the amount of \$ 946 (for the initial filing fee) is enclosed.

       The Commissioner is hereby authorized to charge \$    to Deposit Account No. 20-1424 for the filing fee listed above.

       The Commissioner is hereby authorized to charge \$    to the credit card identified in the attached Credit Card Payment Form for the filing fee listed above.

  X   The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 20-1424. A duplicate copy of this sheet is attached.

  x   Any additional fees under 37 CFR 1.16 for the presentation of extra claims.

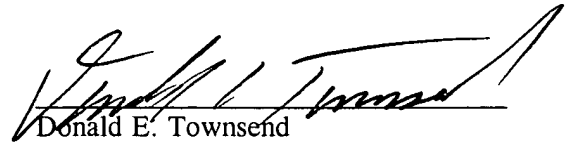
  x   Any patent application processing fees under 37 CFR 1.17.

  X   The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 20-1424. A duplicate copy of this sheet is attached.

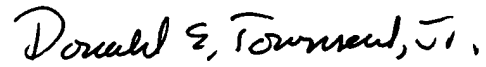
  x   Any patent application processing fees under 37 CFR 1.17, including extension of time fees.

  x   Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Donald E. Townsend", written over a horizontal line.

Donald E. Townsend  
Reg. No. 22,069

A handwritten signature in black ink, appearing to read "Donald E. Townsend, Jr.", written over a horizontal line.

Donald E. Townsend, Jr.  
Reg. No. 43,198

Date: October 24, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
K. Horio, et al.

Serial No.: To Be Assigned

Art Unit: To Be Assigned

Filed: Concurrently Herewith

Examiner: To Be Assigned

For: Method And Apparatus For Analyzing A Base Sequence

INFORMAL FILING OF NEW PATENT APPLICATION

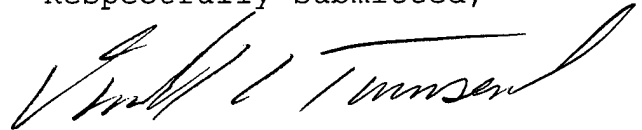
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**BOX PATENT APPLICATIONS**

Sir:

The undersigned has been authorized by the Applicants, Koji Horio, Masao Washizu and Osamu Kurosawa, to file the enclosed patent application, and to defer filing of the Declaration/Power of Attorney.

Respectfully submitted,



Donald E. Townsend  
Reg. No. 22,069



Donald E. Townsend, Jr.  
Reg. No. 43,198

Date: October 24, 2003

Docket No.: MIT-044-USA-P

**LAW OFFICES OF TOWNSEND & BANTA**

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